Index of Claims

10/666,187 Examiner

Lorna M. Douyon

Applicant(s)/Patent under Reexamination

MCCAMMON, DONALD L.
Art Unit

1751

| <b>→</b> | Rejected |
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| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| 1 | Interference |

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| Cla          | im       | m Date   |          |      |          |          | ١. ا     | Cla      | im       | Date |       |       |            |           |          |           |          | Cla       | aim      | Date     |          |           |      |       |          |                 |          |           |           |          |                |           |           |           |
|--------------|----------|--|----------|------|----------|----------|----------|----------|----------|------|-------|-------|------------|-----------|----------|-----------|----------|-----------|----------|----------|----------|-----------|------|-------|----------|-----------------|----------|-----------|-----------|----------|----------------|-----------|-----------|-----------|
|              |          |  |          |      |          |          |          |          | I        |      |       |       |            |           |          |           |          |           |          |          |          |           |      |       |          |                 |          |           |           | П        | П              | П         |           | ヿ         |
| ज            | Original | 11/17/05   |          |      |          |          |          |          |          |      |       | ə ə   | Original   |           |          |           |          |           |          | - 1      |          |           |      | ਰ     | Original | - 1             |          |           |           |          |                |           |           |           |
| Final        | ij       | 117  |          |      |          |          |          |          |          |      |       | Final | ٠ <u>Ē</u> |           |          |           |          |           |          | - 1      |          |           |      | Final | ij       | - 1             |          |           |           | ŀ        |                |           |           |           |
| _            | Õ        | 11   |          |      |          |          |          |          |          |      |       | _     | Ō          |           |          |           |          |           |          |          |          |           |      |       | Ō        | - 1             | - 1      |           |           |          |                | I         |           |           |
| 1            | 1        | =  |          |      |          |          | _        |          | _        |      |       |       | 51         |           |          |           |          |           |          | -        | -        | -         |      |       | 101      | $\dashv$        | $\dashv$ | -         |           | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$  | $\dashv$  |
| 2            | 2        | =  |          |      |          | -        | -        |          | -        |      |       |       | 52         | -         | $\neg$   | -         |          | $\dashv$  | $\dashv$ | -        | $\dashv$ |           |      |       | 102      | $\dashv$        | $\dashv$ | $\neg$    |           | $\dashv$ | $\neg \dashv$  | -+        | $\dashv$  | $\dashv$  |
| 3            | 3        | =  | Н        | -    |          | -        |          | $\vdash$ | $\dashv$ |      |       |       | 53         | Н         |          |           | -        | $\dashv$  | $\dashv$ | $\dashv$ | -        | $\dashv$  |      |       | 103      | $\dashv$        | $\dashv$ | $\dot{-}$ |           | $\dashv$ | $\vdash$       | $\dashv$  | $\dashv$  | $\dashv$  |
|              | 4        | -  | Н        |      | -        | -        |          |          | -        | _    |       |       | 54         | Н         |          | -         | $\dashv$ | $\dashv$  |          | $\dashv$ | $\dashv$ | -         |      |       | 103      | $\dashv$        | $\dashv$ | _         |           | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$  |           |
|              | 5        | =  |          |      |          | _        |          | Н        | $\dashv$ | _    | * 1   |       | 55         | Н         | -        |           | $\dashv$ | -         | $\dashv$ | $\dashv$ |          |           |      |       | 105      |                 | $\dashv$ | -         | $\vdash$  | $\dashv$ | $\vdash$       | $\dashv$  | $\dashv$  | $\dashv$  |
| 5            | 6        | =  |          |      |          | -        |          | Н        | -        |      |       |       | 56         | Н         |          |           | $\vdash$ |           |          | $\dashv$ | $\dashv$ | $\dashv$  |      |       | 105      | $\dashv$        | $\dashv$ |           |           | $\dashv$ | $\dashv$       | $\dashv$  | $\dashv$  | $\dashv$  |
|              |          | -  | _        |      | _        |          |          |          | $\dashv$ |      |       |       | 57         | Н         | -        |           |          | $\dashv$  | $\dashv$ |          | -        |           |      |       | 107      | -               | -        | -         |           | $\dashv$ | $\overline{}$  |           | -         | $\dashv$  |
| 6            | 7        | $\vdash$   |          |      |          |          |          |          |          |      |       |       | 58         | Н         |          |           |          |           |          |          | -        | $\dashv$  |      |       | 108      |                 |          |           |           |          | $\dashv$       | $\dashv$  | $\dashv$  | $\dashv$  |
| 7            | 8        | =  |          |      | _        |          |          | Н        | -        |      |       |       |            | $\vdash$  |          |           |          | -         |          | -        | $\dashv$ | $\dashv$  |      |       | 100      | $\dashv$        | $\dashv$ |           |           | $\dashv$ | -              | $\dashv$  | $\dashv$  | $\dashv$  |
| 8            | 9        | =  | Н        | _    |          |          |          |          | {        |      |       |       | 59         | Н         | -        |           | -        | $\dashv$  |          |          |          |           |      |       | 109      | $\dashv$        | -        |           |           | $\dashv$ |                |           | -         |           |
| 9            | 10       | =  |          |      |          |          | _        |          |          |      |       |       | 60         | Н         |          |           |          | $\vdash$  | -        | _        | -        | $\dashv$  | 1    |       | 110      |                 |          |           |           |          | $\vdash$       | $\dashv$  | $\dashv$  |           |
| 1            | 11       | -  | Ш        | Ш    | Ш        | Ш        | <u> </u> | Н        |          |      |       |       | 61         | Н         |          | $\square$ | $\vdash$ | $\square$ | _        | _        | $\vdash$ | $\dashv$  |      |       | 111      |                 |          |           |           | $\dashv$ | ,—             |           | $\dashv$  | $\dashv$  |
| 10           | 12       | =  | Ш        |      |          |          | <u> </u> | $\vdash$ | $\dashv$ |      |       |       | 62         | $\vdash$  |          |           |          | $\sqcup$  |          | 4        |          | $\dashv$  |      |       | 112      | $\dashv$        | 4        |           | $\sqcup$  | $\dashv$ | $\dashv$       | $\dashv$  | 4         |           |
|              | 13       | <u> </u>   | Щ        |      |          | $\sqcup$ | L        | Ш        | _        |      |       |       | 63         | $\square$ |          |           |          |           |          |          |          | $\square$ |      |       | 113      | $\dashv$        | _        |           | $\Box$    | $\dashv$ | <del>   </del> | _         |           | _         |
|              | 14       | $oxed{oxed}$                                     | Щ        |      | Щ        | Щ        | $\vdash$ | Ш        | _        |      |       |       | 64         | Ш         |          | Ш         |          | $\square$ | _        |          |          |           |      |       | 114      | $\dashv$        | _        |           | $\square$ | $\dashv$ | Щ              | _         |           | _         |
| $oxed{oxed}$ | 15       | $oxed{oxed}$                                     | Ш        |      |          |          | ļ        | Ш        | _        |      |       |       | 65         | Ш         |          | Щ         |          | $\square$ | _        |          |          |           | , "  |       | 115      | _               |          |           |           |          |                |           | _         |           |
|              | 16       | Ш  | Ш        |      | L        | Ш        |          | Ш        |          |      | إجديا |       | 66         |           |          |           |          |           | _        |          |          |           | 1    |       | 116      | ot              | _        |           |           |          |                |           |           |           |
|              | 17       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Ш        |      | Ш        | Ш        |          | Ш        |          |      | 44    |       | 67         | Ш         |          |           |          | Ш         | _        |          |          |           |      |       | 117      | $\sqcup$        |          |           |           |          | Ш              | $\sqcup$  | $\dashv$  |           |
|              | 18       |  |          |      |          |          |          |          | $\Box$   |      | "     |       | 68         | Ш         |          |           |          |           |          |          |          |           |      |       | 118      |                 |          |           |           | Ш        | Ш              |           | _         | _         |
| L            | 19       |  |          |      |          |          |          |          |          |      |       |       | 69         |           |          |           |          |           |          |          |          |           |      |       | 119      |                 |          |           |           |          | Ш              |           |           |           |
|              | 20       |  |          |      |          |          |          |          |          |      |       |       | 70         |           |          |           |          | $\Box$    |          |          |          |           |      |       | 120      |                 |          |           |           |          | Ш              | $\Box$    |           |           |
|              | 21       |  |          |      |          |          |          |          |          |      |       |       | 71         |           |          |           |          |           |          |          |          |           |      |       | 121      |                 |          |           |           |          |                |           |           |           |
|              | 22       |  |          |      |          |          |          |          |          |      |       |       | 72         |           |          |           |          |           |          |          |          |           |      |       | 122      |                 |          |           |           |          |                |           |           |           |
|              | 23       |  |          |      |          |          |          |          |          |      |       |       | 73         |           |          |           |          |           |          |          |          |           |      |       | 123      |                 |          |           |           |          |                |           |           |           |
|              | 24       |  |          |      |          |          |          |          |          |      |       |       | 74         |           |          |           |          |           |          |          |          |           |      |       | 124      |                 |          |           |           |          |                |           |           |           |
|              | 25       |  |          |      |          |          |          |          |          |      |       |       | 75         |           |          |           |          |           |          |          |          |           |      |       | 125      |                 |          |           |           |          |                |           |           |           |
|              | 26       |  |          |      |          |          |          |          |          |      |       |       | 76         |           |          |           |          |           |          |          |          |           |      |       | 126      |                 |          |           |           |          |                |           |           |           |
|              | 27       |  |          |      |          |          |          |          |          |      |       |       | 77         |           |          |           |          |           |          |          |          |           |      |       | 127      |                 |          |           |           |          |                |           |           |           |
|              | 28       |  |          | -    |          |          |          |          |          |      |       |       | 78         |           |          |           |          |           |          |          |          |           |      |       | 128      |                 |          |           |           |          |                |           | $\Box$    |           |
|              | 29       |  |          |      |          |          |          |          |          |      |       |       | 79         |           |          |           |          |           |          |          |          |           |      |       | 129      |                 |          |           |           | $\Box$   | П              | $\neg$    | $\neg$    |           |
|              | 30       |  | $\Box$   |      | _        |          |          |          |          |      | 1     |       | 80         | П         |          |           |          |           | $\neg$   |          |          |           |      |       | 130      | $\Box$          |          |           |           | П        | П              | $\exists$ | ╛         |           |
|              | 31       |  |          |      |          |          |          |          |          | ·    |       |       | 81         |           |          |           |          |           | 寸        | ヿ        |          |           |      |       | 131      |                 |          |           |           |          | П              | $\neg$    |           |           |
|              | 32       |  |          |      |          |          |          |          |          |      | 1     |       | 82         |           |          |           |          |           |          |          |          |           | 1    |       | 132      | $\Box$          |          |           |           |          | $\Box$         | $\exists$ | $\neg$    | $\neg$    |
|              | 33       |  |          |      |          |          |          |          |          |      | 1     |       | 83         | Ħ         |          |           |          |           |          |          |          |           |      |       | 133      | $\neg \uparrow$ |          |           |           | $\Box$   | $\Box$         | $\exists$ | ヿ         | $\neg$    |
|              | 34       |  |          |      |          |          |          |          |          |      |       |       | 84         | П         |          |           | $\Box$   |           |          |          |          |           |      |       | 134      | $\Box$          |          |           |           | П        | П              | 寸         | $\exists$ | $\exists$ |
|              | 35       |  | П        |      |          |          |          |          | $\neg$   |      |       |       | 85         | П         |          |           |          | П         |          | $\neg$   |          |           |      |       | 135      |                 |          |           |           | $\sqcap$ | $\sqcap$       | $\Box$    | $\neg$    | $\neg$    |
|              | 36       |  | Н        |      |          |          |          | $\vdash$ | _        |      |       |       | 86         | М         | $\Box$   |           |          | $\Box$    | $\dashv$ | $\dashv$ | $\Box$   | $\Box$    |      |       | 136      |                 | $\neg$   |           | П         | $\sqcap$ | $\sqcap$       | 一         | $\dashv$  | ヿ         |
|              | 37       | П  |          |      | -;       |          | -        |          |          |      |       |       | 87         | Н         | Н        |           |          | Н         |          | $\dashv$ |          |           |      | -     | 137      | $\vdash$        | $\neg$   |           | Н         | $\neg$   | $\sqcap$       | 一         | ᅱ         | $\dashv$  |
|              | 38       | $\vdash$   |          |      |          |          | _        |          |          |      |       |       | 88         | Н         |          |           |          | Н         |          |          | $\vdash$ |           | i''' |       | 138      |                 | -        |           | Н         | $\neg$   | $\Box$         | $\neg$    | $\dashv$  | $\dashv$  |
|              | 39       | $\vdash$   |          | _    | Г        | П        | $\vdash$ |          | $\vdash$ |      |       |       | 89         | Н         |          |           |          | Н         | $\dashv$ | $\dashv$ |          | $\vdash$  | 5 -  |       | 139      |                 | $\dashv$ |           | Н         | $\sqcap$ | $\sqcap$       | $\dashv$  | $\dashv$  | $\dashv$  |
| <b>-</b>     | 40       | <del>                                     </del> | $\vdash$ |      | Н        | _        | $\vdash$ |          |          |      |       | _     | 90         | Н         |          | -         |          | H         | $\dashv$ | -        | $\vdash$ | $\vdash$  |      |       | 140      | $\dashv$        | $\dashv$ |           | $\vdash$  | $\sqcap$ | $\sqcap$       | $\dashv$  | $\dashv$  | $\dashv$  |
| <b>—</b>     | 41       | <del> </del>                                     | $\vdash$ |      |          |          | $\vdash$ |          | $\vdash$ | _    |       |       | 91         | Н         |          |           |          | Н         | $\dashv$ | $\neg$   | $\dashv$ | Н         |      | -     | 141      | $\vdash$        |          |           | H         | $\sqcap$ | П              | $\dashv$  | $\dashv$  | $\dashv$  |
|              | 42       | $\vdash$   | $\vdash$ |      | H        |          | -        | Н        | $\vdash$ |      |       |       | 92         | $\vdash$  | $\vdash$ |           |          | $\vdash$  | $\vdash$ | $\dashv$ | $\vdash$ | $\vdash$  |      |       | 142      | $\vdash$        | -        |           | $\vdash$  | $\dashv$ | $\vdash$       | $\dashv$  | $\dashv$  | $\dashv$  |
| <del></del>  | 43       | ┢─   | -        |      | $\vdash$ | -        | $\vdash$ | $\vdash$ | -        |      | -     |       | 93         | Н         |          | $\dashv$  |          | $\dashv$  |          |          | -        | Н         |      |       | 143      | $\vdash$        | $\dashv$ |           | Н         | $\vdash$ | $\vdash$       | $\dashv$  |           | $\dashv$  |
| _            | 44       | -  | -        |      |          | -        |          | $\vdash$ | $\dashv$ | -    |       |       | 94         | Н         |          |           |          |           | -        |          |          |           |      |       | 144      | $\dashv$        |          |           | $\vdash$  | $\dashv$ | $\vdash$       | $\dashv$  |           | $\dashv$  |
| <del> </del> | 45       | $\vdash$   | -        |      |          | -        | -        |          |          |      |       |       | 95         | $\vdash$  | _        |           |          | Н         | $\dashv$ |          | $\vdash$ | $\vdash$  |      | L     | 145      | $\dashv$        | $\dashv$ | -         | Н         | $\vdash$ | $\vdash$       | $\dashv$  | $\dashv$  | $\dashv$  |
|              | 46       | $\vdash$   | $\vdash$ |      | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | -        |      |       |       | 96         | Н         |          |           |          |           |          |          |          |           |      |       | 146      | $\vdash$        | -        |           | -         |          | $\dashv$       | $\dashv$  | $\dashv$  | $\dashv$  |
| <del></del>  | 47       | $\vdash$   | $\vdash$ |      | $\vdash$ | -        | $\vdash$ | $\vdash$ |          | _    |       |       | 97         | Н         |          |           |          |           |          |          | $\vdash$ |           |      | L     | 147      | $\dashv$        | -        |           | ┝╼┥       | Н        | Н              | $\dashv$  |           | $\dashv$  |
| <u> </u>     | 48       |  | -        |      | -        |          |          | -        | $\dashv$ |      |       |       | 98         | $\vdash$  |          |           |          |           |          | -        | -        |           |      |       | 148      | -               |          |           | -         | $\vdash$ | Н              | $\dashv$  |           | _         |
|              | 49       | ⊢  | H        |      | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |          |      |       |       | 99         | $\vdash$  | -        |           |          | H         | -        |          | -        |           |      | -     | 149      |                 | $\dashv$ |           | Н         | $\vdash$ | Н              | $\dashv$  | $\dashv$  | $\dashv$  |
| $\vdash$     | 50       | $\vdash$   | $\vdash$ |      |          | $\vdash$ | -        | $\vdash$ | $\dashv$ |      |       |       | 100        | $\vdash$  |          | -         |          |           | $\dashv$ | -        |          |           |      |       | 150      | +               |          |           | Н         | $\vdash$ | Н              | ,—        |           | $\dashv$  |
|              | _50_     | Щ.   | L        | Ц.,. | Ц.       |          | L        |          |          |      |       |       | 100        | Ц         | ш        |           |          | لـــا     |          |          |          |           | j l  |       | LIJU     | Ц               |          |           |           | لــــا   | ш_             |           |           |           |